

AGAGTAGGATGTCIGAGTCATCCATCAGGTGAAGAAGCACCTTGATACAGATGAGAAGGAGATGCT
K S R M S A E V I H Q V E E A L D I D E K E M L 70
GCTCTTTTGTGCCGGGATGTTGCTATAGATGTGGTTCACCTAATGTCAGGGACCTTCTGGATATTTA
140
L F L C R D V A I D V V P P N V R D L L D I L
CGGGAAGAGGTAAGCTGTCTGTCGGGACTTGGCTGAACCTGCTCTACAGAGTGAGGCGATTIGACCTGC
210
R E R G K L S V G D L A E L L Y R V R R F D L
TCAAACGATCTTGAAGATGGACAGAAAAGCTGIGGAGACCCACCTGCTCAGGAACCCCTCACCTTGTTC
280
L K R I L K M D R K A V E T H L L R N P H L V S
GGACTATAGAGTGCTGATGTCAGAGATTGGTGA 313
D Y R V L M S E I G E

DED

Fig. 1

Fig. 2

ATGCTCTGAAGTCATCCATCAGGTTGAAGAAGCACTTGATACAGATGAGAAGGAGATGCTGCTCTTTTGTGCCGGGATGTTGCTATAGATGTGGTTCCACCTAAATGT 110
 Met Ser Ala Glu Val Ile His Gln Val Glu Ala Leu Asp Thr Asp Glu Lys Glu Met Leu Leu Phe Leu Cys Arg Asp Val Ala Ile Asp Val Val Pro Pro Asn Val

 CAGGGACCTTCTGGATATTTTACGGGAAGAGGTAAAGCTGTCTGTCGGGACTTGGCTGAACCTGCTCTACAGAGTGAGGGCGATTTGACCTGCTCAAAACGTATCTTGAAGA 220
 Arg Asp Leu Leu Asp Ile Leu Arg Glu Arg Gly Lys Leu Ser Val Gly Asp Leu Ala Glu Leu Leu Tyr Arg Val Arg Arg Phe Asp Leu Leu Lys Arg Ile Leu Lys

 TGGACAGAAAAAGCTGTGGAGACCCACCTGCTCAGGAACCCCTACCTTGTTTCGGACTATAGAGTGTGATGGCAGAGATTTGGAGGATTTGGATAAATCTGATGTGTCC 330
 Met Asp Arg Lys Ala Val Glu Thr His Leu Leu Arg Asn Pro His Leu Val Ser Asp Tyr Arg Val Leu Met Ala Glu Ile Gly Glu Asp Leu Asp Lys Ser Asp Val Ser

 TCATTAAATTTTCTCATGAAGGATTACATGGGCGGAGCAAGATAAGCAAGGAGAAGAGTTTCTTGGACCTTGTGGTTGAGTTGGAGAACTAAATCTGGTTGCCCCAGA 440
 Ser Leu Ile Phe Leu Met Lys Asp Tyr Met Gly Arg Gly Lys Ile Ser Lys Glu Lys Ser Phe Leu Asp Leu Val Val Glu Leu Glu Lys Leu Asn Leu Val Ala Pro Asp

 TCAACTGGATTTATTAGAAAAATGCTTAAAGAACATCCACAGAAATAGACCTGAAGACAAAAATCCAGAAGTACAAGCAGTCTGTTC AAGGAGCAGGACAAAGTTACAGGA 550
 Gln Leu Asp Leu Leu Glu Lys Cys Leu Lys Asn Ile His Arg Ile Asp Leu Lys Thr Lys Ile Gln Lys Tyr Lys Gln Ser Val Gln Gly Ala Gly Thr Ser Tyr Arg

 ATGTTCTCCAAGCAGCAATCCAAAAGAGTCTCAAGGATCCTTCAAAATAACTTCAGGCTCCATAATGGGAGAAAGTAAAGAACAAAGACITTAAGGAACAGCTTGGCGCTCAA 660
 Asn Val Leu Gln Ala Ile Gln Lys Ser Leu Lys Asp Pro Ser Asn Asn Phe Arg Leu His Asn Gly Arg Ser Lys Glu Gln Arg Leu Lys Glu Gln Leu Gly Ala Gln

 CAAGAACCAAGTGAAGAAATCCATTTCAGGAATCAGAAAGCTTTTTCCTCAGAGCATACCTGTAAGAGAGATACAAGATGAAGAGCAAGCCCTAGGAATCTGCCTGATAAT 770
 Gln Glu Pro Val Lys Lys Ser Ile Gln Glu Ser Glu Ala Phe Leu Pro Gln Ser Ile Pro Glu Glu Arg Tyr Lys Met Lys Ser Lys Pro Leu Gly Ile Cys Leu Ile Ile

 CGATTGCAATGGCAATGAGACAGAGCTTCTTCGAGACACCTTCACCTCCCTGGGCTATGAAGTCCAGAAAATCTTGCATCTCAGTATGTCATGTTATATCCAGATTCTTG 880
 Asp Cys Ile Gly Asn Glu Thr Glu Leu Leu Arg Asp Thr Phe Thr Ser Leu Gly Tyr Glu Val Gln Lys Phe Leu His Leu Ser Met His Gly Ile Ser Gln Ile Leu

 GCCAATTTGCCTGTATGCCCGAGCACCGAGACTACGACAGCTTTGTGTGTCCTGGTGAGCGGAGGCTCCCAGAGTGTGTATGGTGTGGATCAGACTCACTCAGGG 990
 Gly Gln Phe Ala Cys Met Pro Glu His Arg Asp Tyr Asp Ser Phe Val Cys Val Leu Val Ser Arg Gly Ser Gln Ser Val Tyr Gly Val Asp Gln Thr His Ser Gly

 CTCCCCCTGCATCACATCAGGAGGATGTTTCATGGGAGATTTCATGCCCTTATCTAGCAGGGAGCCAAAGATGTTTTTTTATTTCAGAACTATGTGTGTCAGAGGGCCAGCT 1100
 Leu Pro Leu His His Ile Arg Arg Met Phe Met Gly Asp Ser Cys Pro Tyr Leu Ala Gly Lys Pro Lys Met Phe Phe Ile Gln Asn Tyr Val Val Ser Glu Gly Gln Leu

 GGAGGACAGCAGCCCTCTTGGAGGTGGATGGGCCAGCGATGAAGAAATGTGGAATTC AAGGCTCAGAAAGCGAGGGCTGTGCACAGTTCACCGAGAAGCTGACTTCTTCTGGA 1210
 Glu Asp Ser Ser Leu Leu Glu Val Asp Gly Pro Ala Met Lys Asn Val Glu Phe Lys Ala Gln Lys Arg Gly Leu Cys Thr Val His Arg Glu Ala Asp Phe Phe Trp

 GCCTGTGTACTGGGACATGTCCCTGCTGGAGCAGTCTCAGAGCTCACCATCCCTGTACCTGTCAGTGCCTCTCCAGAAAACCTGAGACAAGAAAACGCCCTCCTG 1320
 Ser Leu Cys Thr Ala Asp Met Ser Leu Leu Glu Gln Ser His Ser Ser Pro Ser Leu Tyr Leu Gln Cys Leu Ser Gln Lys Leu Arg Gln Glu Arg Lys Arg Pro Leu Leu

 GATCTTCACATTGAACCTCAATGGCTACATGTATGATTGGAACAGCAGAGTTTCTGCCAAGGAGAAAATATTATGTCGTGGCTGCAGCACACTCTGAGAAAAGAACTTATCCT 1430
 Asp Leu His Ile Glu Leu Asn Gly Tyr Met Tyr Asp Trp Asn Ser Arg Val Ser Ala Lys Glu Lys Tyr Tyr Val Trp Leu Gln His Thr Leu Arg Lys Lys Leu Ile Leu

 CTCCTACACATAA 1443
 Ser Tyr Thr

3/3

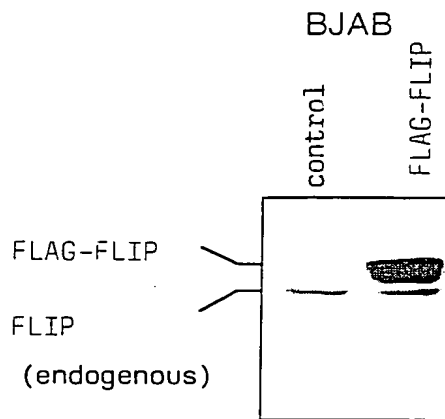
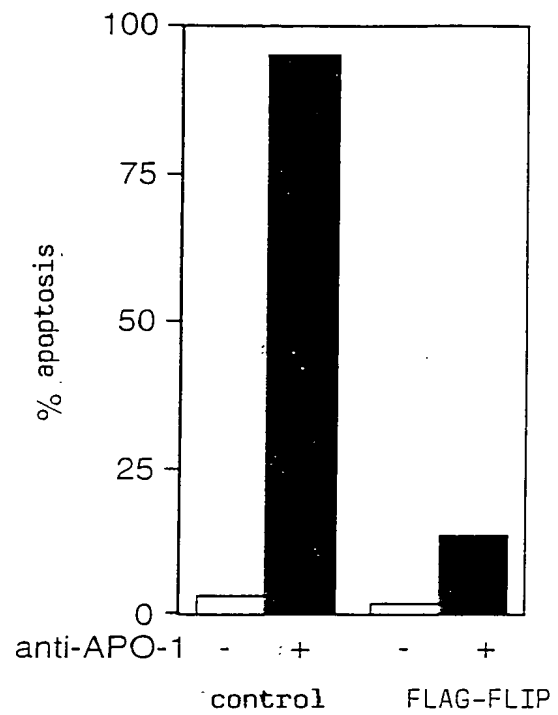
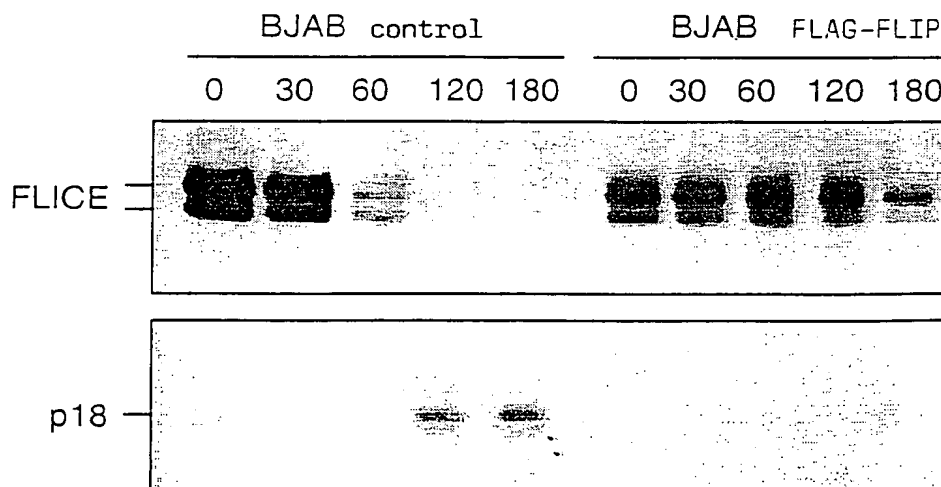
A**B****C**

Fig. 3